

GUANGYANG SECONDARY SCHOOL

2023 Semestral 1 Plan for Secondary 4E Pure Chemistry (6092)

Curriculum

Textbook: Chemistry Matters – 2nd Edition

Term 1 Week	Chapter / Topic	Page no.	Assignments/Tests
1	Expectations Recap of Redox Reaction	Collect holiday assignments (3 sets)	
2	Redox Reaction – Oxidising and Reducing agents - Reagents in practicals	229-246	Practical /assignment
3-4	Volumetric Analysis (VA)	172-175	Assignment / Practical
5-6	Qualitative Analysis (QA) Ammonia	220-228 379-388	Assignment / Practical Assignment / Practical
6-7	Periodic Table	307-328	Assignment / Practical
8-9	Metals	247-282	Assignment / Practical
10	Speed of Reaction	349-378	Assignment / Practical
Term 2 Week	Chapter / Topic	Page no.	Assignments/Tests
1	Recap of term 1 topics	Collect holiday assignments	
2	Speed of Reaction (cont'd)	349-378	Assignment / Practical
3	Energy Changes	329-348	Assignment / Practical
4-5	Electrolysis	283-306	Assignment
6-7	Organic Chemistry - Fuels - Hydrocarbons – alkanes and alkenes	411-424 425-448	Assignment
8-9	Alcohols and Carboxylic acids	449-468	Assignment
10	Recap of term 2 topics		

Lessons may be affected by Chinese New Year holidays, Weighted Assessments and WEALth week.

Assessment Plan

Semester 1	Class tests (topical) Weighted Assessment	WA1	WA2
		15 %	15 %

Format of Weighted Assessment (WA)

Part 1 (5 marks)	Multiple Choice questions (5)	Calculator can be used. Answers to 3 S.F. for calculation questions.
Part II (35 marks)		
Section A (25 marks) Section B (10 marks)	5 structured questions 1 Free response question	
Total marks: 40	Duration: 50 mins	